

(11)Publication number : 62-022729

(43)Date of publication of application : 30.01.1987

(51)Int.Cl.

A61K 47/00

A61K 9/20

(21)Application number : 60-162692

(71)Applicant : KAO CORP

(22)Date of filing : 23.07.1985

(72)Inventor : YOROZU HIDENORI  
EGUCHI YASUTERU

## (54) EASILY DISINTEGRATING TABLET

## (57)Abstract:

PURPOSE: The titled table to disintegrate in water, etc., in a short time, blended with a zeolite retaining a gas by adsorption as a disintegrator.

CONSTITUTION: A tablet blended with a zeolite retaining one or more gases selected from carbonic acid gas, oxygen, nitrogen, helium, neon, argon and hydrogen by adsorption as a disintegrator. Tablets are required to have rapidly dissolving properties, slow-dissolving properties depending upon uses. When they are added to and dissolved in a solvent such as water, etc., to prepare a solution of an active ingredient when they are used, preferably they are dissolved as rapidly as possible.

When the zeolite is used as the integrator, since the tablet is disintegrated extremely in a short time and an active ingredient is released when it is added to a solvent, a solution, suspension or dispersion of the active ingredient can be rapidly prepared in use. A zeolite having 5W60wt% based on the whole composition of a synthetic zeolite shown by the formula (M is metal with valence n; x is 0.7W1.5; y is 0.8W10; z is  $\geq 0$ ) is used as the zeolite.

